

## **Rheometer Specification**

### **Features**

Continuous display of: Viscosity (cP or mPa•s), Temperature (°C & °F), Shear Rate / Shear Stress, % Torque, Spindle

DV2T with selectable speeds provide superior range of viscosity/shear measurements for use in stand-alone operation

Automated program control by PC running (optional) RheocalcT software; speed control from 0.01 to 200 rpm.

LV, RV, HA, and HB torque ranges available

Built-in RTD temperature probe for sample monitoring

Easy-to-use keypad for simple selection of test parameters

Auto Range feature to display viscosity limits

Customizable options

Parallel printer, serial RS-232, and analog voltage outputs

USB PC Interface provides optional computer control and automatic

Complete with appropriate spindles, PG Flash Software, RTD

Temperature Probe, viscometer stand, guard leg, and carrying case.

5-inch Full Color Touch Screen Display - New User Interface, Enhanced Controls, Real Time Trend Indicator, Supports Multiple Languages

Displayed Info: Viscosity (cP or mPa•s), Temperature (°C or °F), Shear Rate/Stress, % Torque, Speed/Spindle, Step Program Status

Auto Range Showing - Maximum viscosity measured with Spindle/Speed combination

USB PC Interface provides optional computer control and automatic data gathering capability

Convenient Bubble Level

Download custom test programs with PG Flash Software (included with instrument)

Accuracy: ±1.0% of range- Displayed with test data

Repeatability: ±0.2%

Built-in RTD Temperature Probe

Enhanced Security - Customizable User Access, Date and Time Stamp File, Password Access, Portable Log-in Settings

Built-in Options - Timed Tests, Data Averaging, Programmable QC Limits/Alarms, Customizable, Speed/Spindle Lists, Test Based User Instructions, On-Screen Data Comparison

Fast, accurate, viscosity data generation, recording, and handling

Print-out - The RS 232 serial output also allows direct connection to the printer, which can, either continuously or on-demand, print out fully formatted and labelled data on all parameters.

Recording - The Brookfield Thermosel System with DV-II+Pro produces a visual profile of a material's viscosity and temperature behavior on the strip chart recorder.

User-friendly Operation - Operational modes are easily selected by keyboard and displayed on the bright 2-line LCD.

### **Specification**

#### **VISCOSITY RANGE**

cP (mPa•s)

<b>MODEL</b>	Min.	Max.	RPM	Number of Increments
<b>DV1MLV</b>	1†	2M	.3-100	18
<b>DV1MRV</b>	100††	13M	.3-100	18
<b>DV1MHA</b>	200††	26M	.3-100	18
<b>DV1MHB</b>	800††	104M	.3-100	18

#### **SPEEDS**

† 1 cP achieved with UL Adapter accessory. 15 cP on LV with  
†† Minimum viscosity is achieved with optional RV/HA/HB spindle.  
B=1 Billion M=1 million cP=Centipoise

Should Include:

Instrument

[6 spindles \(RV/HA/HB\)](#)

[or 4 spindles \(LV\)](#)

Lab Stand (Model A)

Carrying Case